METHOD AND APPARATUS FOR PROVIDING APPLICATION SPECIFIC STRATEGIES TO A JAVA PLATFORM INCLUDING LOAD BALANCING POLICIES

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ABSTRACT OF THE DISCLOSURE

An invention is disclosed for a load balancing method in a JAVA based environment. The method includes executing an application having a first service module and a control module. The control module includes application-specific policies for the application. During execution, the utilization of system resources is sensed. In response to the sensed utilization of system resources, a second service module is generated using the first service module. In addition, the state of the first service module is transferred to the second service module, and the first service module is terminated. To sense the system resource utilization, embodiments of the present invention can poll system resources, or receive notifications from the system resources. Further, some embodiments of the present invention include application-specific policies that include specific servers on which to generate the second service module during load balancing or module moving.

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